



**SERVICE AGREEMENT FOR PROPOSAL 50-2017  
DESIGN, INSTALLATION & CERTIFICATION OF A NFPA 13 COMPLIANT  
FIRE SPRINKLER SYSTEM  
FOR  
LFUCG - MOUNTED POLICE FACILITY**



**Department of General Services  
Project Management Group**

**January 17, 2018**

## I. SERVICE

Tyco Simplex Grinnell has been awarded the design and installation of a complete automatic fire sprinkler system in compliance with NFPA 13, 2010 edition and all other Federal, State and Local regulations having jurisdiction for the Mounted Police Horse Barn, 575 W. 6<sup>th</sup> Street, Lexington KY.

## II. REQUIREMENTS

Tyco Simplex Grinnell will furnish all materials and labor for the design, installation, and acceptance testing of a new sprinkler system in accordance with all applicable codes and requirements as listed in the Scope of Work section.

- Tyco Simplex Grinnell shall field verify all site conditions and information contained on the conceptual drawings and is responsible for the complete design and installation of the system(s) in accordance with the all applicable codes and standards. The conceptual drawings may not show all information necessary for installation of the system(s), but are intended to assist the Contractor in providing a visual representation of the proposed scope of work for the purpose of preparing a bid.
- It shall be the responsibility of Tyco Simplex Grinnell to inspect the job site and become familiar with the conditions under which the work will be performed.
- All work shall conform to the requirements of the applicable portions of The National Fire Protection Association (NFPA) standards and other guidelines or standards listed herein but not limited to:
  1. International Building Code - 2009 Edition
  2. International Fire Code - 2009 Edition
  3. NFPA 13 2010 Edition - *Standard for the Installation of Sprinkler Systems*

## III. SCOPE OF WORK

Design and installation of a complete wet-pipe automatic fire sprinkler system in compliance with NFPA 13, 2010 edition, to include but not limited to the following:

- Includes all materials and labor required for the engineering, hydraulic calculations, and design and installation of the system. Plans must be stamped by an appropriate design professional
- The scope of work shall include system installation, plumbing, notification valves, cutting, coring, patching, removal or adjustment and re-installation of any existing systems/components.
- All piping will be black schedule 10 and/or schedule 40.
- All required tamper and flow switches shall be provided and installed as necessary to

interface with the building fire alarm system.

- The external fire department connection shall be a 4"x2 ½"x2 ½" NST.
- Provide all piped connections to the exterior of the building necessary to drain and test the sprinkler system. Drains shall terminate at the exterior of the building, or, when and where approved by AHJ, at an interior drain capable of handling full flow conditions.
- All sprinklers shall be aligned in all directions when multiple sprinklers are in the same area and are in the same line of sight.
- All holes made by the Contractor in any wall, ceiling, or floor shall be patched by Contractor, restoring the wall, ceiling, floor or member to its original condition, fire resistance, and integrity.
- Contractor shall locate the main riser for the sprinkler system to minimize obstruction to traffic or building operations. Exact location of risers shall be approved by AHJ.
- All sprinklers and equipment shall be installed in accordance with manufacturers' instructions. All special tools, including sprinkler wrenches, recommended by the manufacturer shall be used.
- Pipe that passes through fire-rated resistive barriers (including shaft walls and corridor walls) shall be sleeved and grouted or sealed to maintain the integrity and rating of the fire resistive barrier
- All equipment and materials prior to installation shall be clean inside and outside. All waste material such as chips, filings, welding stubs, dirt, rags, debris, and any other foreign material shall be removed from the components before assembly.
- Each new sprinkler and/or standpipe system shall be tested in accordance with the requirements of NFPA 13
- All piping is to be flushed and hydraulically tested prior to acceptance by owner. Flushing and testing must be performed in accordance with NFPA standards.
- Contractor shall provide all equipment necessary for testing and flushing and any special equipment required for the installation of any portion sprinkler (and/or standpipe) system(s). Contractor shall remove all such equipment at the end of the job.

*Above list is to be used as a reference only and may need additional devices in order to comply with all applicable codes, standards, and manufacturer's recommendations on the listed equipment installations. It is the bidder's responsibility to add any additional devices needed to their proposal in order to achieve said compliance.*

### ***Time of Completion***

The successful bidder shall completely perform project in strict accordance with these terms and conditions within **120 consecutive calendar days** after notification of award of the contract.

### ***Compliance with laws and regulations***

In connection with the performance of the work, the Contractor shall comply with all statutes, laws, regulations and orders of the federal, State, County which shall impose any obligation or duty upon the Contractor.

IN WITNESS WHEREOF, the parties hereto have made and executed this Agreement as of the day and year first above written.

OWNER (LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT):

Signature: \_\_\_\_\_  
JIM GRAY, MAYOR

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
MARTHA ALLEN, COUNCIL CLERK

CONSULTANT (TYCO SIMPLEX GRINNELL)

Signature: Larry Hall

Printed Name: LARRY HALL

Position: HVAC SALES MANAGER - MARKET DIRECTOR

Date: 2-22-18

COMMONWEALTH OF KENTUCKY  
COUNTY OF (Fayette)

The foregoing instrument was subscribed, sworn to and acknowledged before me by Larry Hall as \_\_\_\_\_ for and on behalf of Tyco Simplex Grinnell, on this the 1<sup>st</sup> day of March, 2018.

My commission expires: 02/25/19

Mackenzie Christoff  
NOTARY PUBLIC, STATE AT LARGE, KY  
Notary # 527226